

Title (en)

MASS SPECTROMETRY-BASED METHODS FOR THE DETECTION OF CIRCULATING HISTONES H3 AND H2B IN PLASMA FROM SEPSIS OR SEPTIC SHOCK (SS) PATIENTS

Title (de)

MASSENSPEKTROMETRIEBASIERTE VERFAHREN ZUR DETEKTION ZIRKULIERENDER HISTONE H3 UND H2B IN PLASMA VON SEPSISPATIENTEN ODER PATIENTEN MIT SEPTISCHEM SCHOCK (SS)

Title (fr)

PROCÉDÉS UTILISANT LA SPECTROMÉTRIE DE MASSE POUR LA DÉTECTION DE LA CIRCULATION D'HISTONES H3 ET H2B DANS LE PLASMA DE PATIENTS ATTEINT DE CHOC SEPTIQUE OU DE SEPSIE

Publication

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Application

EP 17800461 A 20171106

Priority

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- EP 2017078362 W 20171106

Abstract (en)

[origin: WO2018083308A1] The present invention proposes a novel method for the detection of circulating histones H3 and H2B in plasma from sepsis or septic shock (SS) patients, based on mass spectrometry-based methods, in particular based on multiple reaction monitoring targeted mass spectrometry (MRM-MS). Such methods allow quantification of histones using an internal standard and show strong specificity and sensitivity values.

IPC 8 full level

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CPC (source: EP US)

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